

**SALT RIVER NEAR BELOW GRANITE REEF
FCD GAGE ID# 4583**

STATION DESCRIPTION

LOCATION - The gage is located on the right (north) bank of the Salt River about ½ mile downstream from Granite Reef Diversion structure. Latitude 33° 30' 53.0" North; Longitude 111° 41' 56.4" West. Located in S13 T2N R6E, in the Granite Reef Dam 7.5-minute quadrangle.

ESTABLISHMENT - The gage was installed April 2, 2012.

DRAINAGE AREA – Not Determined

GAGE - The gage is a pressure transducer type instrument. The PT diaphragm is at gage height 0.00 feet gage height. The PT station is located on the left bank of the river.

There is no crest-stage gage at this site.

There is no staff gage at this site.

ZERO GAGE HEIGHT – Zero gage height is the elevation of the pressure transducer.

HISTORY – Gaging established on April 2, 2012. No known previous gaging history at this location.

REFERENCE MARKS

No references have been set.

CHANNEL AND CONTROL - The control for this gage is the main channel.

RATING - The current rating is Rating #1, dated April 2, 2012. The rating was taken from a visual comparison of ratings for Salt River at Priest Drive and Salt River at Val Vista Drive.

DISCHARGE MEASUREMENTS – Direct measurements are not possible at this location.

POINT OF ZERO FLOW - The PZF has not been determined. There appears to some base flow or base water level from perched ground water at this location.

FLOODS – No runoff has been recorded since installation in April 2012.

REGULATION – Several dams upstream regulate flow in the Salt River.

DIVERSIONS – Granite Reef Diversion structure diverts water to canals on the north and south sides of the river for irrigation and domestic purposes.

ACCURACY - Poor

JUSTIFICATION – Monitor flow in the river for MCDOT to manage low-flow road closures.

UPDATED - April 12, 2012
DE Gardner